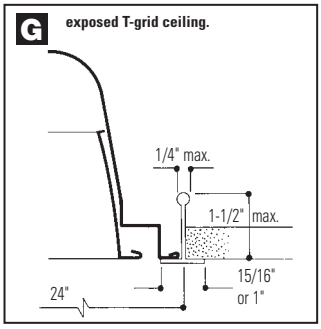
Deepcel *Plus* **DPA2G9LS26U**

2' x 2' Recessed Fluorescent, 3", 9 Cell Parabolic Louver Static or Air Supply/Return, 2 Lamp 6"U T8

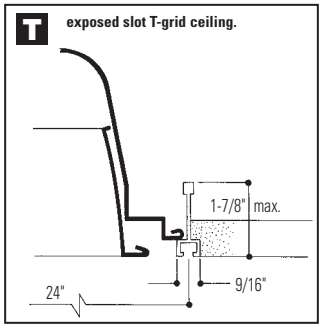
- 5" deep body.
- 66.2% efficient.
- Clean contoured interior.
- Eyeleted heat removal vents in fixture ends.
- One piece housing.
- Black exterior for cooler ballast operating temperature.
- Hemmed over side rails for safe handling.
- Fixture ends turned-in for safe handling.
- Built-in earthquake clips (patent no. 5,072,344).
- Pre-anodized aluminum parabolic louver.
- Vertical grain louver eliminates reflected lamp images on cross baffle.
- Spring loaded latches.
- 18 gauge steel hinges.
- Louver frame with integral positive light stop.
- Louver has protective film dust guard.
- Construction to meet NYC Code or Chicago Plenum requirements is available.

Mounting Methods

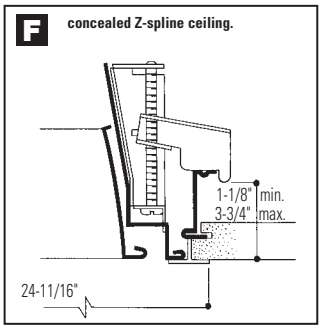
G exposed T-grid ceiling.



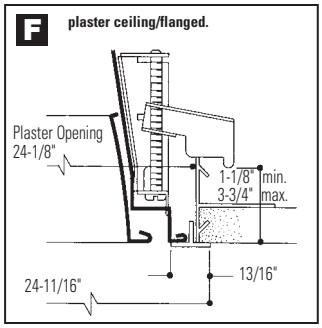
T exposed slot T-grid ceiling.



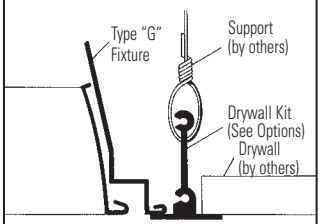
F concealed Z-spline ceiling.



F plaster ceiling/flanged.

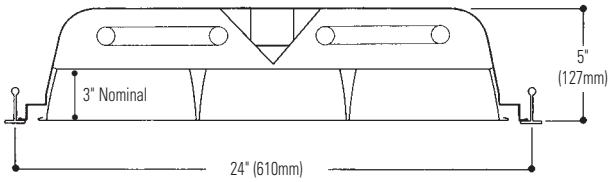


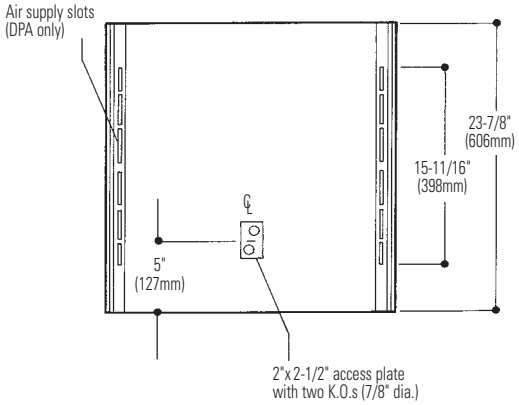
drywall kit.



Order Catalog Number: **FK92X2**.

Dimensions





Job Information	**Type:**
Job Name:	
Cat. No.:	
Lamp(s):	
Volts/Ballast:	

Lightolier a Genlyte company www.lightolier.com
Technical Information: (978) 657-7600 • Fax (978) 658-0595
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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LIGHTOLIER®

Deepcel *Plus* **DPA2G9LS26U**

2' x 2' Recessed Fluorescent, 3", 9 Cell Parabolic Louver Static or Air/Return, 2 Lamp 6"U T8

Photometry

Model No. DPA2G9LS26U120SO

LER = FP - 53.4 IW - 57.2 BF - 0.87
Comparative yearly lighting energy cost per 1000 lumens = $4.49

GE TESTING LABORATORY
45 Industrial Way
Wilmington, MA 01887
(978) 657-7600

REPORT NO.: G00027 DATE: 02-22-2000
CATALOG NO.: DPA2G9LS26U120SO
LAMP(S): 2 T8 U6. EACH RATED 2750 LUMENS.
LUMINAIRE: 0.478 AMPS 2X2 TROFFER WITH 3X3 9 CELL SEMI-SPECULAR LOUVER

CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0	FLUX
0	1552	1552	1552	1552	1552	
5	1545	1544	1546	1553	1556	147
15	1465	1475	1501	1521	1530	423
25	1341	1356	1353	1361	1369	625
35	1165	1158	1132	1126	1146	716
45	943	917	905	985	1090	743
55	677	664	744	898	966	683
65	214	243	286	297	301	271
75	23	26	26	27	27	30
85	4	4	5	5	4	5
90	0	0	0	0	0	

ZONAL LUMEN SUMMARY

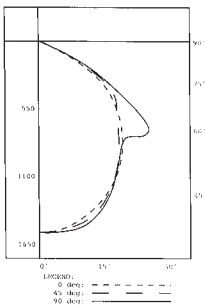
ZONE	LUMENS	%LAMP	%FIXT
0- 30	1195	21.7	32.8
0- 40	1911	34.7	52.5
0- 60	3336	60.7	91.6
0- 90	3643	66.2	100.0
90-180	0	0.0	0.0
0-180	3643	66.2	100.0

TOTAL LUMINAIRE EFFICIENCY = 66.2 %
TOTAL REFLECTANCE OF PAINT = 90.0 %
CIE TYPE - DIRECT

PLANE	0-DEG	90-DEG
SPACING CRITERIA :	1.2	1.2
SHIELDING ANGLES :	23	23
PLANE	0-DEG	90-DEG
LUMINOUS LENGTH	21.000	21.000

LUMINANCE DATA IN CANDELA/SQ M

ANGLE IN DEG	AVERAGE 0-DEG	AVERAGE 45-DEG	AVERAGE 90-DEG
45	4686.	4497.	5416.
55	4147.	4557.	5917.
65	1779.	2378.	2502.
75	312.	353.	367.
85	161.	202.	161.



THIS REPORT IS BASED ON PUBLISHED INDUSTRY PROCEDURES • FIELD PERFORMANCE MAY VARY FROM LABORATORY PERFORMANCE.

coefficients of utilization — zonal cavity method

RF		20			20			20		
RC		80			50			30		
RW	70	50	30	50	30	10	50	30	10	
room cavity ratio 1	73	71	69	67	65	63	64	63	61	
2	68	63	59	60	57	54	57	55	53	
3	62	56	51	53	49	46	51	48	46	
4	57	50	45	48	43	40	46	43	40	
5	53	45	40	43	38	35	42	38	35	
6	49	41	35	39	34	31	38	34	31	
7	45	37	31	35	31	27	35	30	27	
8	42	34	28	32	28	25	32	27	24	
9	40	31	26	30	25	22	29	25	22	
10	37	29	24	28	23	20	27	23	20	

visual comfort probability (VCP) average 100 fc; reflectances 80/50/20

room size		luminaries lengthwise: ceiling height				luminaries crosswise: ceiling height			
W	L	8.5	10.0	13.0	16.0	8.5	10.0	13.0	16.0
20	20	67	61	59	70	63	57	54	65
20	30	70	65	60	59	67	61	54	54
20	40	73	68	64	61	70	64	59	56
20	60	75	70	67	64	72	67	62	59
30	20	72	66	59	67	69	62	56	64
30	30	75	69	60	57	72	66	57	53
30	40	77	71	64	59	75	68	61	56
30	60	79	73	67	62	76	71	64	59
30	80	80	75	69	65	78	73	66	62
40	20	75	69	63	66	73	66	60	64
40	30	78	72	64	58	75	69	61	55
40	40	80	74	67	60	77	71	64	57
40	60	81	76	70	63	79	73	67	60
40	80	82	78	72	65	80	75	69	63
40	100	83	79	74	68	81	77	71	65
60	30	79	74	67	61	76	71	64	58
60	40	80	76	70	62	78	73	67	60
60	60	82	78	72	65	80	75	70	63
60	80	83	79	74	67	81	77	72	65
60	100	84	80	76	69	82	78	73	67
100	40	81	76	73	66	79	74	69	64
100	60	83	79	74	68	81	76	72	66
100	80	84	80	76	71	82	78	74	69
100	100	85	82	78	72	84	80	76	70

Ordering Information

Explanation of Catalog Number. Example: DPA2G9LS26U120SOCP

		2		9		S	2	6U			
Deepcel Plus Parabolic: Pre-anodized aluminum louver	**Body Style:** **A**=Air Supply **S**=Static	**Fixture Width**	**Ceiling Type:** **G**= Grid (lay-in T bar) **F**= Flanged (over lap) Z spline and plaster frame **T**= Slot grid or two-directional concealed T (see options)	**Number of Cells:** **9**=3 rows of 3	**Louver Finish:** **L** = Low iridescence Semi-specular (standard) **P** =Low iridescence Specular **W** =White Baked Enamel	**Single "V" Reflector**	**Lamp Quantity**	**Lamp Type/ Fixture Length:** 6"U T8 2 Lamp Only (Nominal 24") **NOTE:** For **Linear T5 lamp** option, consult factory.	**Voltage:** 120, 277 or **UNV**=120-277	**Ballast Type:** <20THD / <10THD: 1-2 Lamp Elec. T8 LOL T8 Dimming — **SO *** / **HI ***; **PS** / – ; *Instant Start Standard. Other dimming options, consult factory. **NOTE:** For **T8 UNV**, you must use **HI** Ballast Code.	**Options:** Add appropriate suffix to catalog no., ie: (CP)

DP Standard Deepcel
DY For NYC Code – I.B.E.W. Manufactured
ND For NYC Code – Local 3 Manufactured 5½" Deep Body

Options/Accessories

Plaster Frame: Catalog Number: **PF22**.
Continuous Row Installation: For F type fixtures, half width flanges are required between fixtures. Order Catalog Number: **2FC TRIM CSP** (each joint).
Radio Interference Filter: To order one RIF per fixture; SUFFIX: **R**. To order one RIF per ballast; SUFFIX: **B**.
Electrical Wiring Options: Consult factory.
Air Closure Strip: SUFFIX: **ACS2** (factory installed).
Drywall Kit: Order Catalog Number: **FK92X2**. (Request Folio OA30-10 Rev. A).
Chicago Plenum: SUFFIX: **CP**.

Specifications

Performance: In an installation of 2 lamp 31W luminaires in a room cavity ratio of 1, reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .71. To prevent glare the VCP shall be not less than 63 either lengthwise or crosswise (at 100fc level) and the average brightness at 65° shall not exceed 2502 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 67.2%.
Air Handling (DPA only) side air pasaages for air supply or air return. Supply air is discharged vertically. Optional side closure strips. Air return is also provided through the lamp compartment through fixture body ends.
Materials: **Chassis parts** are die-formed code gauge cold rolled steel. Housing is ribbed for rigidity with side rails hemmed over and housing ends turned-in for safe handling. **Louver** is pre-anodized aluminum (Coilzak® or equal.

Specifications (continued)

Finish: **Chassis exterior**–black baked polyester enamel. **Cavity**–white baked polyester enamel minimum 86% reflectance. Phosphate undercoating. **Louver**–low iridescence semi-specular anodized vertical grain aliminum reflector sheet is standard.
Electrical: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.
Labels: I.B.E.W. UL and ULc Listed.

Job Information **Type:**

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